

PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/757,267
				Filing Date	01-14-2004
				First Named Inventor	Kumar et al.
				Art Unit	2873
				Examiner Name	Stultz
(use as many sheets as necessary)					
Sheet	1	of	1	Attorney Docket No. 1905A1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
X		2005/0146680 A1	07-07-2005	Muisener et al.	351/143
X		2005/0012998 A1	01-20-2005	Kumar et al.	359/494
X		2005/0004361 A1	01-06-2005	Kumar et al	544/71
X		2005/0003107 A1	01-06-2005	Kumar et al.	428/1.1
X		6,245,399 B1	06-12-2001	Sahouani et al.	428 1.31
X		6,049,428	04-11-2000	Khan et al.	359/491
X		5,903,330	05-11-1999	Fünfschilling et al.	349/129
X		4,977,028	12-11-1990	Goepfert et al.	428/426
X		4,865,668	09-12-1989	Goepfert et al.	428/150/74
X		4,648,925	03-10-1987	Goepfert et al.	156/153
X		2,544,659	03-13-1951	Dreyer	359/491
X		2,481,830	09-13-1949	Dreyer	359/491

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
X		WO 2005/085912 A1	09-15-2005	Essilor International	
X		WO 2005/084826 A1	09-15-2005	Essilor International	

Examiner Signature	<i>Jesler A</i>	Date Considered	12/15/05
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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10757,267
				Filing Date	January 14, 2004
				First Named Inventor	Kumar et al.
				Art Unit	2873
				Examiner Name	Not Assigned SJW/HZ
(use as many sheets as necessary)					
Sheet	1	of	4	Attorney Docket Number	1905A1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		3,361,706	01-02-1968	Meriwether et al.	
		4,168,043	08-28-1979	Uhlmann et al.	
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		4,229,474	07-24-1981	Balgord	
		4,556,605	12-03-1985	Mogami et al.	
		4,756,973	07-12-1988	Sakagami et al.	
		4,873,026	10-10-1989	Behre et al.	
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		6,002,881	2-11-1997	Schadt et al.	
		5,645,767	07-08-1997	Van Gemert	
		5,858,501	08-19-1997	Kumar et al.	
		5,698,141	12-16-1997	Kumar	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)			T ⁶
		WO 89/11674	11-30-1989	Plessey Overseas Limited	
		WO 00/77359	12-21-2000	PPG Industries, Inc.	
		WO 01/02449	01-11-2001	PPG Industries, Inc.	
		WO 01/55950	8-2-2001	Rolic AG	
		WO 02/29489	4-11-2002	Alphamicro, Inc.	
		WO 02/058921	8-1-2002	Akai, Incorporated	
		WO 03/019270	3-6-2003	Kim, Su-Jin	
		EP 1 203 967 A1	5-8-2002	Rolic AG	

Examiner Signature	<i>[Signature]</i>	Date Considered	12/15/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/757,267
		Filing Date	January 14, 2004
		First Named Inventor	Kumar et al.
		Art Unit	2873
		Examiner Name	Not Assigned Stu Htz
Sheet	2	of	4
		Attorney Docket Number	
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U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
		5,723,072	03-03-1998	Kumar	
		5,746,949	5-5-1998	Shen et al.	
		5,962,617	10-05-1999	Slagel	
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		6,150,430	11-21-2000	Walters et al.	
		6,153,126	11-28-2000	Kumar	
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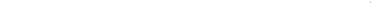
Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/757,267
		Filing Date	January 14, 2004
		First Named Inventor	Kumar et al.
		Art Unit	2973
		Examiner Name	Not Assigned- Stull-Z
Sheet	3	of	4
		Attorney Docket Number	
		1905A1	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/757267
		Filing Date	January 14, 2004
		First Named Inventor	Kumar et al.
		Art Unit	2873
		Examiner Name	Not Assigned
Sheet	4	of	4
		Attorney Docket Number	
		1905A1	

NON PATENT LITERATURE DOCUMENTS

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		Filing Date	01-14-2004
		First Named Inventor	Kumar et al.
		Art Unit	2873
		Examiner Name	Stultz
(use as many sheets as necessary)			
Sheet	1	of	1
		Attorney Docket No.	1905A1

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		2005/0146680-A1	07-07-2005	Muisener et al.
		2005/0012998-A1	01-20-2005	Kumar et al.
		2005/0004361-A1	01-06-2005	Kumar et al.
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		6,245,399 B1	06-12-2001	Sahouani et al.
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		4,865,668	09-12-1989	Goepfert et al.
		4,648,925	03-10-1987	Goepfert et al.
		2,544,659	03-13-1951	Dreyer
		2,481,830	09-13-1949	Dreyer

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FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		WO-2005/085912-A1	09-15-2005	Essilor
		WO-2005/084826-A1	09-15-2005	Essilor

Examiner Signature	<i>Jed A</i>	Date Considered	12/15/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/757,267	
(use as many sheets as necessary)				Filing Date	January 14, 2004	
				First Named Inventor	Anil Kumar et al.	
				Art Unit	1712 2873	
				Examiner Name	Jessica Stultz	
Sheet	1	of	5	Attorney Docket Number		1905A1

U.S. PATENT DOCUMENTS					
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		5,189,448	02-23-1993	Yaguchi	
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		5,943,104	08-24-1999	Moddel et al.	

*Tested**12/15/05*

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				Application Number	10/757,267
				Filing Date	January 14, 2004
				First Named Inventor	Anil Kumar et al.
				Art-Unit	1712 2873
				Examiner Name	Sto H-Z
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		6,160,597	12-12-2000	Schadt et al.	
		6,284,418 B1	09-04-2001	Trantolo	
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		US2002/0180916A1	12-05-2002	Schadt et al.	

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			Filing Date	January 14, 2004
			First Named Inventor	Anil Kumar et al.
			Art Unit	4712 Z873
			Examiner Name	Sylvia
Sheet	3	5	Attorney Docket Number	1905A1

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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		EP 0 331 233 B1	04.23.1997	Philips Electronics N.V.
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		JP 03 200218 A (Abstract)	09.02.1991	Toyota Central Research & Development Lab Inc.
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		GB 2 169 417 A	07.09.1986	Olympus Optical Co. Ltd. Japan
		GB 583,842	01.01.1947	International Polaroid Corporation
		WO 97/22894	26.06.1997	Sola International Holdings Ltd.
		WO 98/19207 (Abstract)	05.07.1998	Carl-Zeiss-Siftung
		WO 00/19252	04.06.2000	Intel Corporation
		WO 03/032066 A1	17.04.2003	E-Vision LLC

Examiner Signature	<i>Jessica</i>	Date Considered	12/15/05
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Sheet	4	5	First Named Inventor Anil Kumar et al.
			Art Unit 1242 2873
			Examiner Name S to 172
			Attorney Docket Number 1905A1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		KVASNIKOV, E.D., KOZENKOV, V.M., AND BARACHEVSKII, V.A., "Birefringence in Polyvinylcinnamate Films Induced By Polarized Light," <u>Doklady Akademii nauk SSSR</u> , Vol. 237, No. 3, USSR pp. 633-636 (1977). X	
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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	10757,267
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor	Anil Kumar et al.
(use as many sheets as necessary)		Art Unit	1712 2873
Sheet	5	Examiner Name	<i>Sru H. T.</i>
		Attorney Docket Number	1905A1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		CASTELLANO, Joseph A. "Surface Anchoring of Liquid Crystal Molecules on Various Substrates," <u>Mol. Cryst. Liq. Cryst.</u> , Vol. 94, pp. 33-41 (1983).	
		HUANG, D.D. et al. "Effect of Aligning Layer Thickness on Photo-Aligned Ferroelectric Liquid Crystal Displays," <u>Proceedings of the 6th Chinese Optoelectronics Symposium, Hong Kong China, IEEE (New York)</u> , pp. 231-234 (2003).	
		CHIGRINOV, V.G. and KOZENKOV, V.M., "New Results on Liquid Crystal Alignment by Photopolymerization," <u>Proceedings of the SPIE- The International Society for Optical Engineering, SPIE Vol. 2409</u> pp. 130-140 (1995).	

Examiner Signature	<i>Sru H. T.</i>	Date Considered	12/15/05
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Previously considered
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